

LANEY

USERS MANUAL

A.O.R. SERIES

'ALL TUBE' AMPLIFIERS

MANUFACTURED &
DISTRIBUTED WORLDWIDE BY:

LANEY AMPLIFICATION LTD
NEWLYN ROAD
CRADLEY HEATH
WEST MIDLANDS
ENGLAND

GREETINGS,

We are pleased you are now the owner of a Laney 'AOR' series Pro-Tube Amplifier, your purchase reflects your knowledge and good taste.

The Laney A.O.R. Series Pro-Tube Amplifiers are the embodiment of suggestions and criticisms made over the years resulting in a staggering improvement of the classic British Tube Amplifier.

No Longer need musicians tolerate marginal tone and indifferent distortion controls. The Laney A.O.R. series (Advanced Overdrive Control) utilises a total of four level/volume controls plus footswitching capabilities giving you the musician infinite control over distortion characteristics.

The tone controls have been designed to have maximum effect and in addition treble, middle and bass controls have pull boost switches giving you extremely advanced tonal variation.

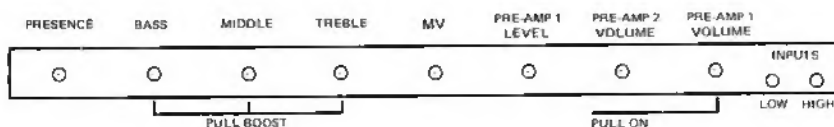
All this adds up to an amplifier that is superlative in performance, excellent in quality and expressive by design.

At present five models are in production. Two heads and three combinations. Facilities and technical specification are listed on page six.

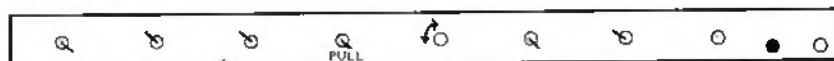
Illustrated are seven of the more commonly used sounds and the control settings needed to achieve them. This we hope will enable you to familiarise with your A.O.R. Amplifier more quickly.

On page 3, are settings for A.O.R. heads and on page 4, settings for A.O.R. combinations.

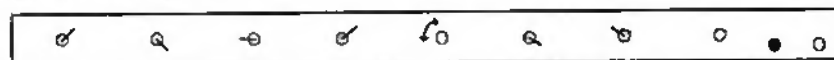
A.O.R. CONTROL PANEL FOR AMPLIFIER HEADS



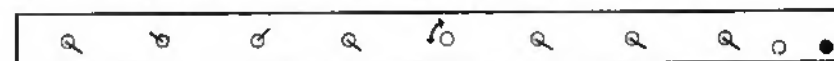
1. **CLEAN 1** — A snappy, bright sound with sharp definition and a cutting edge.



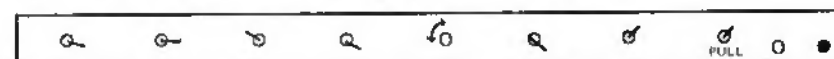
2. **CLEAN 2** — A full, robust sound providing warmth without sacrificing clarity.



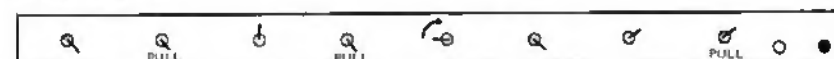
3. **DISTORTION 1** — A classic British Tube sound made famous by innumerable performers through the years.



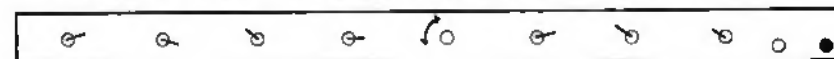
4. **DISTORTION 2** — A High energy sound providing extreme sustain with a smooth and highly refined distortion.



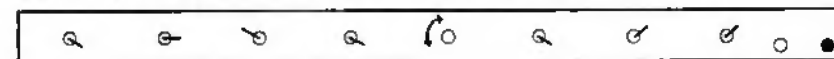
5. **DISTORTION 3** — A massive sound that is gloriously unique to Laney. Extreme sustain and distortion with Gut-Wrenching lows and screaming highs. Not recommended for the weak-hearted.



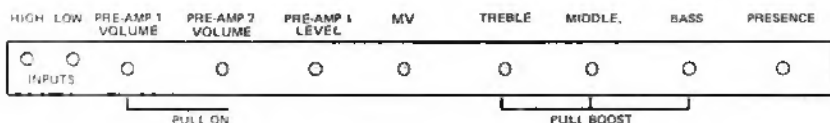
6. **CLEAN TO DIRTY SWITCHING** — Great versatility can be achieved with this setting. A sweet smooth clean sound and a full Tube distortion are only as far away as a tap of your foot.



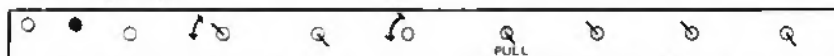
7. **RHYTHM TO LEAD SWITCHING** — Very useful in a live performance setting. One can footswitch from a chunky distorted rhythm sound to a smooth sustained lead sound. A lead boost can also be achieved by turning the Pre 1 level control up full.



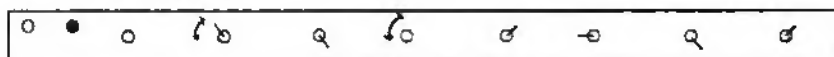
A.O.R. CONTROL PANEL FOR COMBINATIONS



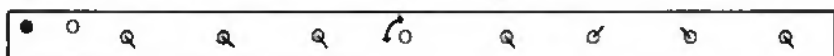
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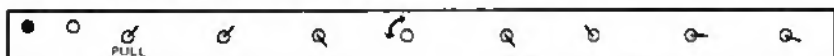
2. **CLEAN 2** — A full, robust sound providing warmth without sacrificing clarity.



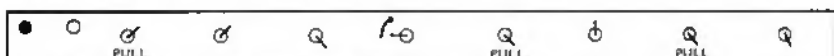
3. **DISTORTION 1** — A classic British Tube sound made famous by innumerable performers through the years.



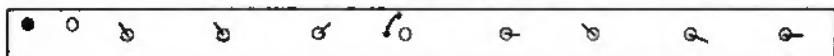
4. **DISTORTION 2** — A High energy sound providing extreme sustain with a smooth and highly refined distortion.



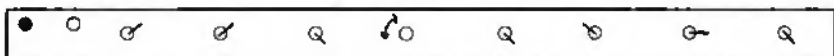
5. **DISTORTION 3** — A massive sound that is gloriously unique to Laney. Extreme sustain and distortion with Gut-Wrenching lows and screaming highs. Not recommended for the weak-hearted.



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NB: Reverb and pre-amp switching is via a Stereo socket on rear of amplifier. (Tip — Pre-Amp. Ring — Reverb).

ADDITIONAL USER INFORMATION

LOW INPUT SOCKET

This input should be used when a clean sound is required since part of the overdrive switching circuitry is by-passed.

To ensure a clean bright sound set "Master Volume" to 10 and "Pre-Amp 2 Volume" to loudness required.

For a slightly warmer sound set "Pre-Amp 2 volume" to between 8 and 10 and back off "Master Volume" as required.

By operating "Pre-Amp 1 Volume" pull switch (or remote foot) two volume levels are attainable in conjunction with "Pre-Amp 1 Level" control. (A useful feature on stage when changing from rhythm to lead or vice-versa).

Note: "Treble Boost" only functions at settings below maximum 10 on the "Master Volume" and "Bass Boost" has greater effect at lower "Master Volume" settings.

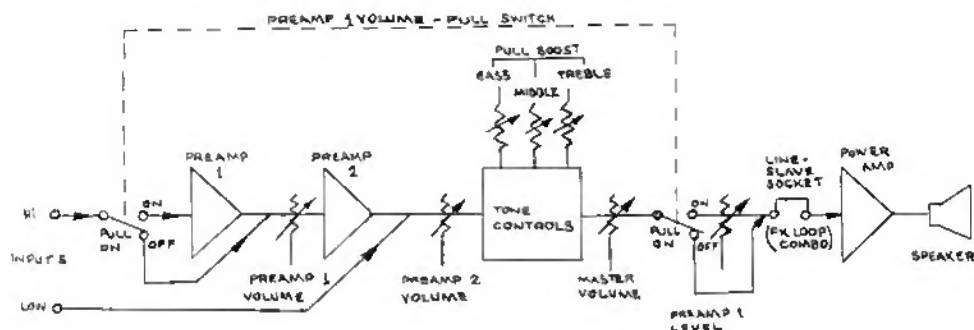
HIGH INPUT SOCKET

This input is used when an overdrive sound is required, or when used in conjunction with "Pre-Amp 1 volume" pull switch (or remote foot) combinations of clean, overdrive or sustain may be obtained. In this case "Master Volume" should be set low (1 - 4) and the degree of overdrive controlled by "Pre-Amp 1 volume" and "Pre-Amp 2 Volume". A low setting on "Pre-Amp 2 volume" and a high on "Pre-Amp 1 volume" will give a bright overdrive sound.

A high setting on "Pre-Amp 2 Volume" and a low on "Pre-Amp 1 volume" will give a thicker overdrive.

Since the "Master Volume" is set low the Bass and Treble boost switches become extremely effective.

When "Pre-Amp 1 Volume" pull switch (or remote foot) is on, very long sustains are possible, and "Pre-Amp 1 level" control becomes operative allowing the volume level to be reduced as required.



SPECIFICATIONS

	A.O.R.20 COMBO	A.O.R.50 COMBO	A.O.R.100 COMBO	A.O.R.50 HEAD	A.O.R.100 HEAD
POWER OUTPUT (RMS)	20 WATTS	50 WATTS	100 WATTS	50 WATTS	100 WATTS
POWER CONSUMPTION	75 WATTS	180 WATTS	380 WATTS	180 WATTS	380 WATTS
INPUT 1 (LOW) 35mV	35mV	35mV	35mV	35mV	35mV
INPUT 2 (HIGH) <1mV	1mV	1mV	1mV	1mV	1mV
SPEAKER (CM)	30.5	30.5	30.5	*	*
SPEAKER POWER HANDLING	50W	70W	125W	*	*
EFFECTS SEND & RETURN	-6dBv	-6dBv	-6dBv	+8dBv	+8dBv
DIMENSIONS (CM) W.D.H.	47x25x54	59x30x57	59x30x57	74x24x26	74x24x26
WEIGHT (KG)					